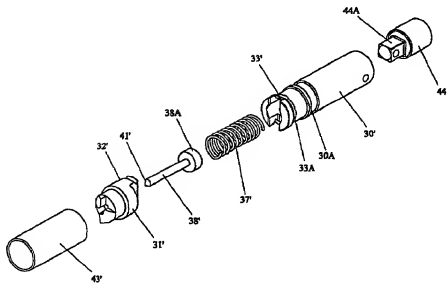




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification : B25B 27/18		A1	(50) International Publication Number: WO 00/36190 (43) International Publication Date: 22 June 2000 (22.06.00)
(21) International Application Number: PCT/GB99/04137 (22) International Filing Date: 9 December 1999 (09.12.99) (30) Priority Data: 9827489.7 15 December 1998 (15.12.98) GB 9902600.7 8 February 1999 (08.02.99) GB 9909543.2 27 April 1999 (27.04.99) GB /c (71)(72) Applicants and Inventors: BRAIN, Ronnie [GB/GB]; Old Station, Green Row, Medley, West Yorkshire LS26 9BR. (GB); BRAIN, David [GB/GB]; 14 Brook Street, Fryson Village, Castleford, West Yorkshire, WF10 2PL (GB). (74) Agents: NEILL, Alastair, William et al.; Appleyard Lees, 15 Clare Road, Halifax, West Yorkshire HX1 2HY (GB).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, NL, PT, SE), OAPI patent (BF, BI, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.	

(54) Title: MECHANICAL NUT AND STUD REMOVAL TOOL



(57) Abstract

The invention concerns a tool for removing fastening members, such as nuts and studs. The tool comprises an elongate body member (30) with first and second ends, the first end having means (31') for deforming an end face of the fastening member to provide an area of purchase thereon; and means (44) to cause rotation of the fastening member to unscrew the fastening member from the structure. Also within the scope of the present invention is a locating means (38') for locating the first end of the body member (30') with respect to the end face of the fastening member as well as a method for enabling removal of fastening members by action upon an end face of a fastening member.